

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
20 January 2005 (20.01.2005)

PCT

(10) International Publication Number
WO 2005/005062 A1

(51) International Patent Classification⁷: **B06B 35/00**,
F16C 35/07, B23K 1/00

(21) International Application Number:
PCT/NL2004/000492

(22) International Filing Date: 8 July 2004 (08.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
1023883 10 July 2003 (10.07.2003) NL
1024843 21 November 2003 (21.11.2003) NL

(71) Applicant (for all designated States except US): **AB SKF**
[SE/SE]; Hornsgatan 1, S-415 50 Göteborg (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **VAN DE SANDEN**,

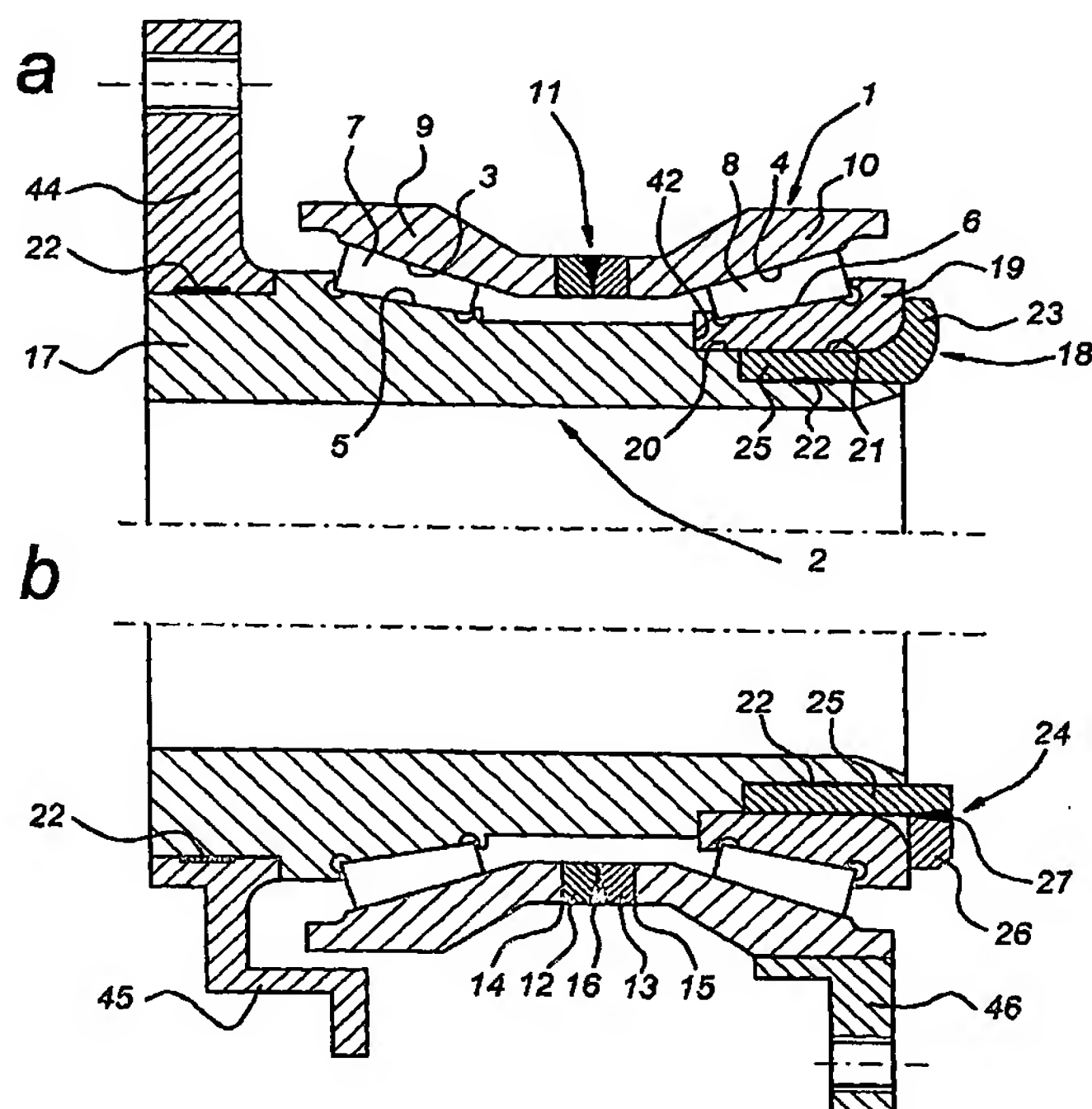
Johannes, Franciscus [NL/NL]; Lepelaar 23, NL-3435
DT Nieuwegein (NL). **VAN BREEMEN, Rene, Gijsber-**
tus, Adrianus [NL/NL]; Noorderwijkweg 57, NL-1943
DH Beverwijk (NL). **KAPAAN, Hendrikus, Jan**
[NL/NL]; Waterhoen 5, NL-3435 DM Nieuwegein (NL).
EYRAUD, Emmanuel, Jacques [NL/NL]; Schakelstede
70, NL-3431 HG Nieuwegein (NL). **ZWARTS, Jacobus**
[NL/NL]; Carmenlaan 5, NL-3438 VA Nieuwegein (NL).
VISSERS, Cornelius, Petrus, Antonius [NL/NL]; Lit-
serstraat 67, NL-5275 BT Den Dungen (NL).

(74) Agent: **VAN WESTENBRUGGE, Andries**; Neder-
sch Octrooibureau, Scheveningseweg 82, P.O. Box 29720,
NL-2502 LS The Hague (NL).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,

[Continued on next page]

(54) Title: BEARING UNIT WITH BRAZED OR SOLDERED CONNECTION



(57) Abstract: A construction unit, such as a bearing unit, comprises at least two metal means parts (9, 10; 17, 19) which are connected to each other through a connection means (11, 18, 24, 28) which comprises a brazed or a soldered connection (14, 15, 22). The connection means also comprises at least one further connection, e.g. a welded (16, 27), screwed (30), glued or a plastically formed (23) connection.

WO 2005/005062 A1



KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.